

Date: Sat, 18 Jun 94 04:30:29 PDT
From: Ham-Space Mailing List and Newsgroup <ham-space@ucsd.edu>
Errors-To: Ham-Space-Errors@UCSD.Edu
Reply-To: Ham-Space@UCSD.Edu
Precedence: Bulk
Subject: Ham-Space Digest V94 #160
To: Ham-Space

Ham-Space Digest Sat, 18 Jun 94 Volume 94 : Issue 160

Today's Topics:

ORBS\$168.MICRO.AMSAT
ORBS\$168.OSCAR.AMSAT
Wanted: Copy of Wintrack 2.0

Send Replies or notes for publication to: <Ham-Space@UCSD.Edu>
Send subscription requests to: <Ham-Space-REQUEST@UCSD.Edu>
Problems you can't solve otherwise to brian@ucsd.edu.

Archives of past issues of the Ham-Space Digest are available
(by FTP only) from UCSD.Edu in directory "mailarchives/ham-space".

We trust that readers are intelligent enough to realize that all text
herein consists of personal comments and does not represent the official
policies or positions of any party. Your mileage may vary. So there.

Date: Fri, 17 Jun 1994 08:17:00 MDT
From: ihnp4.ucsd.edu!library.ucla.edu!news.mic.ucla.edu!unixg.ubc.ca!
quartz.ucs.ualberta.ca!alberta!ve6mgs!usenet@network.ucsd.edu
Subject: ORBS\$168.MICRO.AMSAT
To: ham-space@ucsd.edu

SB KEPS @ AMSAT \$ORBS-168.D
Orbital Elements 168.MICROS

HR AMSAT ORBITAL ELEMENTS FOR THE MICROSATS
FROM WA5QGD FORT WORTH,TX June 17, 1994
BID: \$ORBS-168.D
TO ALL RADIO AMATEURS BT

Satellite: UO-14
Catalog number: 20437
Epoch time: 94166.19574678
Element set: 2
Inclination: 98.5879 deg
RA of node: 250.9992 deg

Eccentricity: 0.0010525
Arg of perigee: 193.3603 deg
Mean anomaly: 166.7289 deg
Mean motion: 14.29846532 rev/day
Decay rate: 5.7e-07 rev/day^2
Epoch rev: 22930
Checksum: 338

Satellite: A0-16
Catalog number: 20439
Epoch time: 94165.27176083
Element set: 801
Inclination: 98.5971 deg
RA of node: 251.3159 deg
Eccentricity: 0.0010737
Arg of perigee: 197.6942 deg
Mean anomaly: 162.3867 deg
Mean motion: 14.29899811 rev/day
Decay rate: -2.0e-08 rev/day^2
Epoch rev: 22918
Checksum: 336

Satellite: D0-17
Catalog number: 20440
Epoch time: 94165.71615950
Element set: 801
Inclination: 98.5984 deg
RA of node: 252.0768 deg
Eccentricity: 0.0010908
Arg of perigee: 195.1875 deg
Mean anomaly: 164.8984 deg
Mean motion: 14.30039539 rev/day
Decay rate: 1.2e-07 rev/day^2
Epoch rev: 22926
Checksum: 325

Satellite: W0-18
Catalog number: 20441
Epoch time: 94166.18122935
Element set: 803
Inclination: 98.5977 deg
RA of node: 252.5380 deg
Eccentricity: 0.0011436
Arg of perigee: 194.4906 deg
Mean anomaly: 165.5950 deg
Mean motion: 14.30014120 rev/day
Decay rate: 2.6e-07 rev/day^2
Epoch rev: 22933

Checksum: 291

Satellite: L0-19

Catalog number: 20442

Epoch time: 94165.73975260

Element set: 800

Inclination: 98.5974 deg

RA of node: 252.3577 deg

Eccentricity: 0.0011833

Arg of perigee: 195.4192 deg

Mean anomaly: 164.6628 deg

Mean motion: 14.30109943 rev/day

Decay rate: $1.4e-07$ rev/day²

Epoch rev: 22928

Checksum: 320

Satellite: U0-22

Catalog number: 21575

Epoch time: 94166.18613268

Element set: 504

Inclination: 98.4349 deg

RA of node: 240.7242 deg

Eccentricity: 0.0007185

Arg of perigee: 303.1212 deg

Mean anomaly: 56.9305 deg

Mean motion: 14.36919228 rev/day

Decay rate: $5.8e-07$ rev/day²

Epoch rev: 15279

Checksum: 306

Satellite: K0-23

Catalog number: 22077

Epoch time: 94167.69551354

Element set: 399

Inclination: 66.0793 deg

RA of node: 281.0075 deg

Eccentricity: 0.0014358

Arg of perigee: 287.6327 deg

Mean anomaly: 72.3125 deg

Mean motion: 12.86286638 rev/day

Decay rate: $-3.7e-07$ rev/day²

Epoch rev: 8672

Checksum: 334

Satellite: A0-27

Catalog number: 22825

Epoch time: 94166.62421734

Element set: 298

Inclination: 98.6526 deg
RA of node: 242.4464 deg
Eccentricity: 0.0007983
Arg of perigee: 211.0084 deg
Mean anomaly: 149.0633 deg
Mean motion: 14.27626226 rev/day
Decay rate: 2.2e-07 rev/day^2
Epoch rev: 3746
Checksum: 306

Satellite: IO-26
Catalog number: 22826
Epoch time: 94166.18484780
Element set: 298
Inclination: 98.6525 deg
RA of node: 242.0491 deg
Eccentricity: 0.0008198
Arg of perigee: 216.6060 deg
Mean anomaly: 143.4552 deg
Mean motion: 14.27730366 rev/day
P@Yn>WD:oZ.PD:u&D^z;*yayN=YHr%\$2^R_8
MCi6&#Eex6%@ZIfRo_2D[!n?P>g<=,Ny6DKrCpX8no5">+w:Lv+Nr?W7>E)?HBKF{(A>[&_S{
A0,

Date: Fri, 17 Jun 1994 08:15:00 MDT
From: ihnp4.ucsd.edu!library.ucla.edu!news.mic.ucla.edu!unixg.ubc.ca!
quartz.ucs.ualberta.ca!alberta!ve6mgs!usenet@network.ucsd.edu
Subject: ORBS\$168.OSCAR.AMSAT
To: ham-space@ucsd.edu

SB KEPS @ AMSAT \$ORBS-168.0
Orbital Elements 168.OSCAR

HR AMSAT ORBITAL ELEMENTS FOR OSCAR SATELLITES
FROM WA5QGD FORT WORTH,TX June 17, 1994
BID: \$ORBS-168.0
TO ALL RADIO AMATEURS BT

Satellite: A0-10
Catalog number: 14129
Epoch time: 94161.37059705
Element set: 288
Inclination: 27.0950 deg
RA of node: 323.3862 deg
Eccentricity: 0.6022573
Arg of perigee: 185.3079 deg

Mean anomaly: 163.3129 deg
Mean motion: 2.05878627 rev/day
Decay rate: -8.9e-07 rev/day²
Epoch rev: 8264
Checksum: 320

Satellite: UO-11
Catalog number: 14781
Epoch time: 94164.07495908
Element set: 700
Inclination: 97.7863 deg
RA of node: 178.9927 deg
Eccentricity: 0.0010944
Arg of perigee: 287.1976 deg
Mean anomaly: 72.8030 deg
Mean motion: 14.69219433 rev/day
Decay rate: 1.65e-06 rev/day²
Epoch rev: 54970
Checksum: 346

Satellite: RS-10/11
Catalog number: 18129
Epoch time: 94163.98699348
Element set: 909
Inclination: 82.9229 deg
RA of node: 331.9456 deg
Eccentricity: 0.0013017
Arg of perigee: 40.7525 deg
Mean anomaly: 319.4600 deg
Mean motion: 13.72338190 rev/day
Decay rate: 3.7e-07 rev/day²
Epoch rev: 34933
Checksum: 322

Satellite: A0-13
Catalog number: 19216
Epoch time: 94166.34337152
Element set: 924
Inclination: 57.7884 deg
RA of node: 247.1622 deg
Eccentricity: 0.7213082
Arg of perigee: 343.7462 deg
Mean anomaly: 2.0006 deg
Mean motion: 2.09724920 rev/day
Decay rate: -4.05e-06 rev/day²
Epoch rev: 4597
Checksum: 295

Satellite: FO-20
Catalog number: 20480
Epoch time: 94165.87456846
Element set: 697
Inclination: 99.0376 deg
RA of node: 318.1343 deg
Eccentricity: 0.0541065
Arg of perigee: 344.7655 deg
Mean anomaly: 13.7694 deg
Mean motion: 12.83225459 rev/day
Decay rate: $-6.5e-07$ rev/day²
Epoch rev: 20383
Checksum: 333

Satellite: AO-21
Catalog number: 21087
Epoch time: 94166.94154505
Element set: 480
Inclination: 82.9390 deg
RA of node: 143.6297 deg
Eccentricity: 0.0036919
Arg of perigee: 86.0554 deg
Mean anomaly: 274.4806 deg
Mean motion: 13.74541473 rev/day
Decay rate: $9.4e-07$ rev/day²
Epoch rev: 16941
Checksum: 326

Satellite: RS-12/13
Catalog number: 21089
Epoch time: 94165.54353671
Element set: 700
Inclination: 82.9214 deg
RA of node: 13.4113 deg
Eccentricity: 0.0030198
Arg of perigee: 113.5767 deg
Mean anomaly: 246.8572 deg
Mean motion: 13.74042529 rev/day
Decay rate: $6.5e-07$ rev/day²
Epoch rev: 16828
Checksum: 301

Satellite: ARSENE
Catalog number: 22654
Epoch time: 94167.12210594
Element set: 262
Inclination: 1.8681 deg
RA of node: 99.2228 deg

Eccentricity: 0.2919369
Arg of perigee: 183.9006 deg
Mean anomaly: 172.6566 deg
Mean motion: 1.42203062 rev/day
Decay rate: -1.00e-06 rev/day^2
Epoch rev: 118
Checksum: 276

/EX

Date: Fri, 17 Jun 94 14:47:29 PDT
From: ihnp4.ucsd.edu!usc!howland.reston.ans.net!europa.eng.gtefsd.com!
uhog.mit.edu!news.kei.com!ssd.intel.com!chnews!news@network.ucsd.edu
Subject: Wanted: Copy of Wintrack 2.0
To: ham-space@ucsd.edu

Cecil

If you receive is message, please respond. Im sending this to you
via the Intel CHNEWS server located on C2.
73s, Tom WB7ASR

In article <2to1r9\$sdsc@chnews.intel.com>, <cmoore@ilx018.intel.com> writes:

> Path: chnews!cmoore
> From: cmoore@ilx018.intel.com (Cecil A. Moore -FT-~)
> Newsgroups: rec.radio.amateur.space
> Subject: Wanted: Copy of Wintrack 2.0
> Date: 15 Jun 1994 23:11:37 GMT
> Organization: Intel Corp., Chandler AZ.
> Lines: 5
> Distribution: world
> Message-ID: <2to1r9\$sdsc@chnews.intel.com>
> NNTP-Posting-Host: scorpion.ch.intel.com
> X-Newsreader: TIN [version 1.1 PL8]
>
> How can a friend of mine obtain a copy of Wintrack 2.0? Is it
> shareware?
>
> thanks and 73, KG7BK, 00TC, CecilMoore@delphi.com
>

End of Ham-Space Digest V94 #160
